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DOCUMENT NO.

155474

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CLASS. CHANGED TO: TS (S) C

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VIA AIR

(Specify Air or Sea Pouch)

DISPATCH NO. EZZA-096

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CLASSIFICATION

TO HEADQUARTERS

DATE 6 SEP 1956

25X1A

FROM Chief of Station [REDACTED]

25X1A

SUBJECT { GENERAL Operations
SPECIFIC [REDACTED]

- Missions 1104, 1105, 1106 and 1107

Mission 1104

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Mission 1104 was flown by [REDACTED] on 29 August 1956 in [REDACTED]. Special equipment consisted of [REDACTED]. Duration of flight was eight hours twenty minutes. Take-off was four minutes late due to fluctuation in oil pressure during run-up for take-off. This condition rectified itself and stabilized on second run-up and mission proceeded as scheduled.

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No other problems were encountered in launching the mission. [REDACTED] reported satisfactory operation of the camera equipment with the exception that the left oblique camera window cover did not jettison. This malfunction was determined to have been caused by a loose connection on the air hose directly connected to this window and has since been corrected.

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The R-6, V-7 and L-8 cameras exposed 1105 frames, 1628 feet of [REDACTED]. The [REDACTED] exposed 740 feet of [REDACTED]. All camera equipment operated satisfactorily. The failure of the L-8 position window cover to eject resulted in a complete blank for this camera. Heavy condensation was observed on all windows and equipment on post flight inspection. No test clips were taken from this mission due to time limit as this [REDACTED] came from [REDACTED] via C-54. Results of the [REDACTED] were excellent.

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Overcast to [REDACTED] where [REDACTED] nm right of course. On course at [REDACTED] 15 nm to right of course over North Africa coast, returning to course at El Adem. Approximately 20 nm variation at turn above Port Said, returning to course after turn. 20 nm north of course on turn prior to border [REDACTED]. Remainder of flight within 10 nm limits.

25X1D

Mission 1105

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Mission 1105 was flown by [REDACTED] on 29 August 1956 in [REDACTED]. Special equipment consisted of [REDACTED] and [REDACTED]. Duration of the flight was eight hours and twenty minutes. Take-off was on schedule. Immediately after take-off, landing gear retraction difficulty was experienced.

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The gear continued to cycle up and down until the [REDACTED] was able to catch and hold it in the up position by pulling the gear circuit breaker. This malfunction delayed actual climb on course for a period of twenty minutes. Cause of this malfunction was determined to be the up-lock switch. Re-adjustment of this switch corrected the situation.

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25X1A No other problems were encountered in launching the mission. [REDACTED] reported satisfactory operation of the camera equipment and no malfunctions were evident upon landing [REDACTED]

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25X1A The R-6, V-7 and L-8 cameras exposed 1063 frames, 1722 feet of [REDACTED] The [REDACTED] exposed 850 feet of [REDACTED]

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25X1A All camera equipment operated satisfactory in that results were obtained. The frame counter of the R-6 data chamber did not function and the R-6 and L-8 cameras lost one turn of tension on the shutters. This will result in an overexposure of the negatives which will be corrected by the [REDACTED] processor so that good photographs should result. No [REDACTED] clips taken, same [REDACTED] 04. Results of the [REDACTED] were excellent.

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25X1A Overcast to [REDACTED]. Flight within 10 nm limits except at [REDACTED] where turn was made early putting track 13 nm north of course, return-
25X1A ing to course just north of [REDACTED]

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Mission 1106

25X1A Mission 1106 was flown by [REDACTED] on 30 August 1956 in [REDACTED].
25X1A Special equipment consisted of [REDACTED] Duration of the flight was eight hours. Take-off was made as scheduled.

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25X1A No other problems were encountered in launching the mission. [REDACTED] reported satisfactory operation of the camera equipment and no malfunctions were evident upon landing at [REDACTED] The R-6, V-7 and L-8 cameras exposed 1125 frames, 1800 feet of [REDACTED]. The [REDACTED] exposed 800 feet of [REDACTED]. All camera equipment operated satisfactory. R-6 data chamber counter stopped at 199. [REDACTED] data clock had not operated during whole mission, contact not secured at [REDACTED] clips from R-6, V-7 and L-8 showed good results, but frost effected slight defect but not enough to spoil mission. [REDACTED] results were excellent.

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25X1A [REDACTED] reported excessive canopy and windshield frosting on this mission as well as on the view finder. Unusually high cockpit heat was used in an effort to eliminate windshield frost which resulted in [REDACTED] becoming nauseated and was reduced to comfortable level without success in removing frost. Frost remained during entire flight after passing an altitude of 40 angles which made navigation difficult.

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25X1A South of course 11 nm on turn south of [REDACTED] returning to course [REDACTED] On course remainder of flight until [REDACTED] when deviated to fly along western coast of Balkins. Returned to course at [REDACTED] at which time it became overcast. No clock on [REDACTED]

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Mission 1107

25X1A Mission 1107 was flown by [REDACTED] on 30 August 1956.
25X1A Special equipment consisted of [REDACTED] Duration of the flight was eight hours five minutes. Take-off was on schedule. No problems

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were encountered in launching this mission.

25X1A During climb out on course, [REDACTED] experienced malfunctions of both the auto-pilot and the gyro compass which were inoperative during the remainder of the flight. Subsequent investigation revealed the auto pilot amplifier had a short circuit. This in turn affected the gyro compass which is depend upon this amplifier as a source of power.

25X1A [REDACTED] reported satisfactory operation of the camera equipment and no malfunctions were evident upon landing of the [REDACTED]. The R-6 V-7 and L-8 cameras exposed 962 frames, 1523 feet of [REDACTED] exposed 800 feet of [REDACTED]. All camera equipment operated satisfactory. 25X1A R-6 data clock stopped at 1012 hour. [REDACTED] clips showed: R-6 good but indications of frost, V-7 very thin negative due to frost, L-8 good but indications of frost. [REDACTED] as excellent.

25X1A Within requirements until [REDACTED] deviated to overfly coast of Albania. Returned to course [REDACTED] Overcast from [REDACTED]. No clock on [REDACTED].

25X1A No problems were encountered in the briefing or de-briefing of any of the four missions.

25X1A [REDACTED] on missions 1104, 1106 and 1107 performed normally. Results show very few signals in mission area. Mission 1105 malfunctioned after one and one-half hours. This was due to slack in tape, causing tape to come off loop arm. Action has been taken to correct this in future operations.

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DISTR:

0 - Headquarters

[REDACTED] Ops

2 - File

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